

8. (Amended) A wave device according to claim 1, wherein the distance between a pair of inputs equals an integer number of the wave length of the wave transmitted by the inputs.
9. (Amended) A wave device according to claim 1, further comprising power dividers for providing the pairs of inputs from the signal sources.
10. (Amended) A wave device according to claim 1, further comprising one or more additional pairs of inputs for setting up additional respective standing waves.
11. (Amended) A method of operating the wave device according to claim 1, as a splitter, the method providing a power input at the output of the wave device and receiving divided power output from the first and second pairs of inputs.